

# Loop 101 (Pima Freeway): General Purpose Lane Widening I-17 to Princess Drive

**Public Information Meeting**  
November 18, 19 and 20, 2014



# Welcome

## ▶ Introductions

- Arizona Department of Transportation (ADOT)
- Federal Highway Administration (FHWA)

## ▶ Overview of today's meeting

- Formal Presentations at 6 p.m.
- Open House to follow presentations

# Title VI Overview

- ▶ Title VI is a federal law that prohibits discrimination on the basis of race, color, or national origin in Federally assisted programs & activities.
- ▶ The law specifically states:
- ▶ “No person in the United States shall on the ground of race, color, or national origin be excluded from participation in, denied the benefits of, or subjected to discrimination under any program or activity receiving Federal financial assistance.” (42 USC 200d)
- ▶ ADOT’s Title VI Policy:
- ▶ Assures that no person shall on the grounds of race, color, national origin, gender, age, or disability be excluded from participation in, be denied benefits of, or be otherwise subjected to discrimination under any ADOT sponsored program or activity.

# Purpose of tonight's meeting

## ▶ **Tonight's meeting will provide:**

- **An overview of the study**
  - **Design Concept Report (DCR)**
  - **Environmental document**
- **An overview of the recommended improvements**
- **Project schedule**
- **Receive your comments**

# Study Limits and Purpose

- ▶ **Loop 101 (Pima Freeway) from Interstate 17 (I-17) to Princess Drive**
- ▶ **Improve freeway capacity**
- ▶ **Reduce congestion of future traffic volumes**
- ▶ **Implement the Regional Transportation Plan funded by Maricopa County voters with Proposition 400 (November 2004)**

# Study Area





# Project Considerations

- ▶ **Evaluate the addition of outside general-purpose lanes in the east and westbound directions**
- ▶ **Environment (noise, air quality, etc.)**
- ▶ **Potential for new right-of-way acquisition (goal is to stay within current right-of-way)**



# Design Concept Report

- ▶ **Identifies the goals of the project**
- ▶ **Evaluates the existing facility conditions**
- ▶ **Identifies the design criteria for alternatives development**
- ▶ **Defines alternatives evaluation criteria and summarizes the selection process**
- ▶ **Recommends Preferred Alternative**
- ▶ **Documents stakeholder and public input received to be taken into consideration with the decision-making process**
- ▶ **Identifies current project funding, cost estimates and schedule**



# Design Considerations

- **Roadway geometry**
- **Number of roadway lanes**
- **Traffic operations**
- **Drainage**
- **Bridge structures**
- **Retaining walls**
- **Geotechnical considerations**
- **Pavement**
- **Right-of-way needs**
- **Utility impacts**
- **Traffic striping, signing and lighting**
- **ITS considerations**
- **Construction phasing**
- **Project cost estimates**

# Environmental Document

- ▶ **A document that is prepared to comply with the National Environmental Policy Act, or NEPA, which includes:**
  - **discussion of the need for and purpose of the project**
  - **evaluation of alternatives**
  - **the environmental impacts of the project alternatives and associated mitigation measures**
  - **coordination with agencies and the public**
- ▶ **The environmental analysis for this project will be documented with a Categorical Exclusion (CE)**

# Environmental Considerations

- ▶ **Air Quality**
- ▶ **Cultural Resources**
- ▶ **Environmental Justice**
- ▶ **Hazardous Materials**
- ▶ **Historic Properties**
- ▶ **Land Use/Local Planning**
- ▶ **Noise**
- ▶ **Pedestrians and Bicycles**
- ▶ **Property Impacts**
- ▶ **Utility Impacts**
- ▶ **Socioeconomics**
- ▶ **Transportation**
- ▶ **Visual Conditions**
- ▶ **Floodplains/Drainage**
- ▶ **Geology**
- ▶ **Vegetation and wildlife**
- ▶ **Water Quality/ Resources**



# Alternatives Developed and Evaluated

- ▶ **No-Build**
- ▶ **Several alternatives evaluated between I-17 and 7<sup>th</sup> Avenue**
  - **Lane configurations approaching and departing the I-17/Loop 101 TI**
  - **With and without 19<sup>th</sup> Avenue ramps**
  - **15<sup>th</sup> Avenue bridge**
- ▶ **Two alternatives between 7<sup>th</sup> Avenue and SR 51**
- ▶ **One alternative between SR 51 and Princess Drive**



## **Evaluation Criteria**

- ▶ **Conformance with Regional Transportation Plan**
- ▶ **Traffic operational performance**
- ▶ **Ability to achieve engineering standards**
- ▶ **Right-of-way requirements and utility impacts**
- ▶ **Environmental considerations**
- ▶ **Total estimated project cost**
- ▶ **Agency acceptance**
- ▶ **Public acceptance**



# Overview of Recommended Alternative

- ▶ **Adding two general-purpose lanes in the eastbound direction between Interstate 17 (I-17) and 7<sup>th</sup> Avenue**
- ▶ **Adding one general-purpose lane in the eastbound direction between 7<sup>th</sup> Avenue and State Route 51 (SR 51)**
- ▶ **Adding one general-purpose lane in the eastbound direction between Tatum Boulevard and Princess Drive**
- ▶ **Adding two general-purpose lanes in the westbound direction between I-17 and 7<sup>th</sup> Avenue**



## **Recommended Alternative (Cont.)**

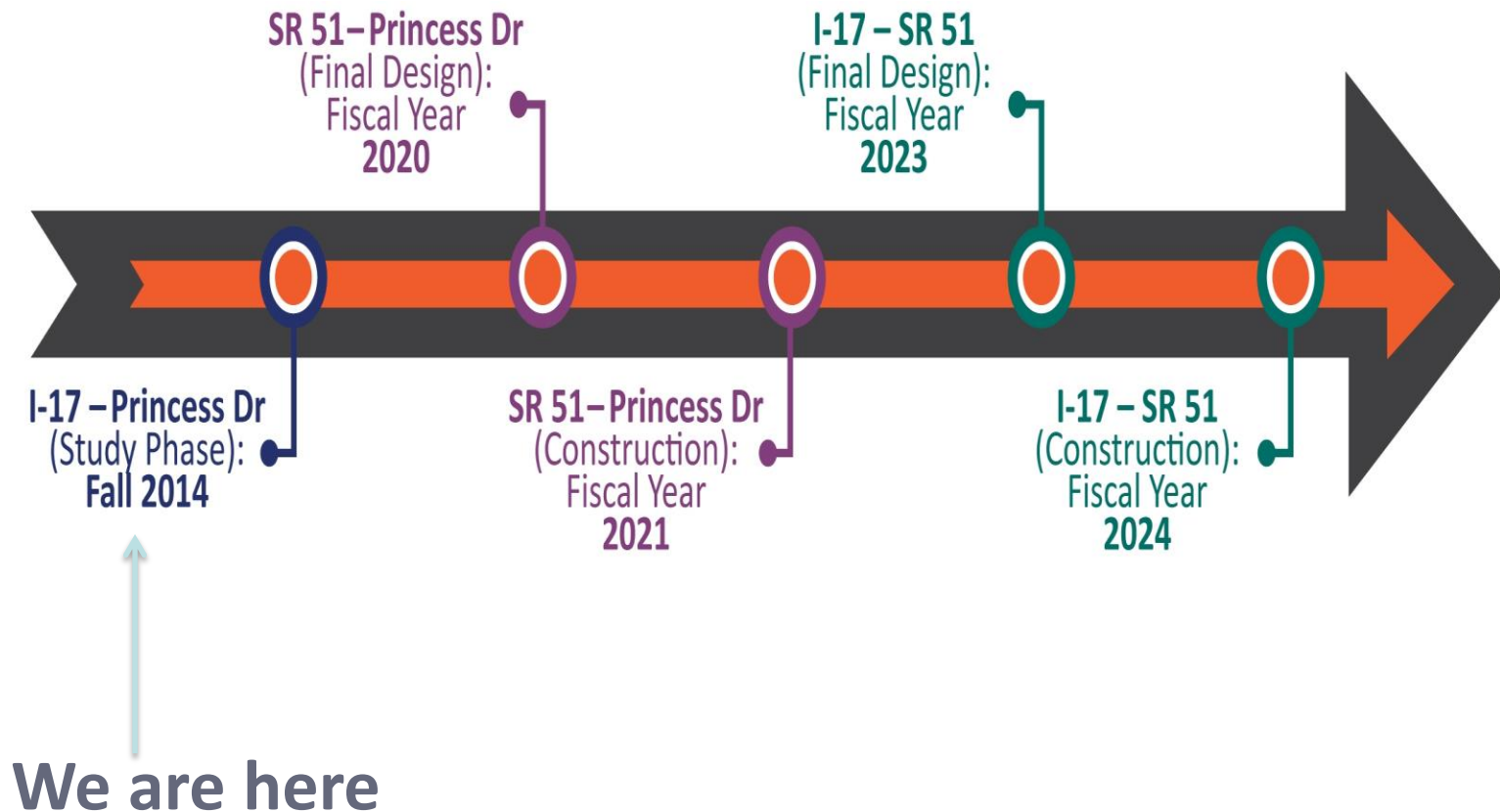
- ▶ **Adding one general-purpose lane in the westbound direction between 7<sup>th</sup> Avenue and SR 51**
- ▶ **Adding one general-purpose lane in the westbound direction between SR 51 and Princess Drive**
- ▶ **Adding auxiliary lanes in each direction between 7<sup>th</sup> Street and Cave Creek Road**
- ▶ **Remove and replace the 15<sup>th</sup> Avenue bridge**
- ▶ **One lane westbound frontage road between 19<sup>th</sup> Avenue and 15<sup>th</sup> Avenue**



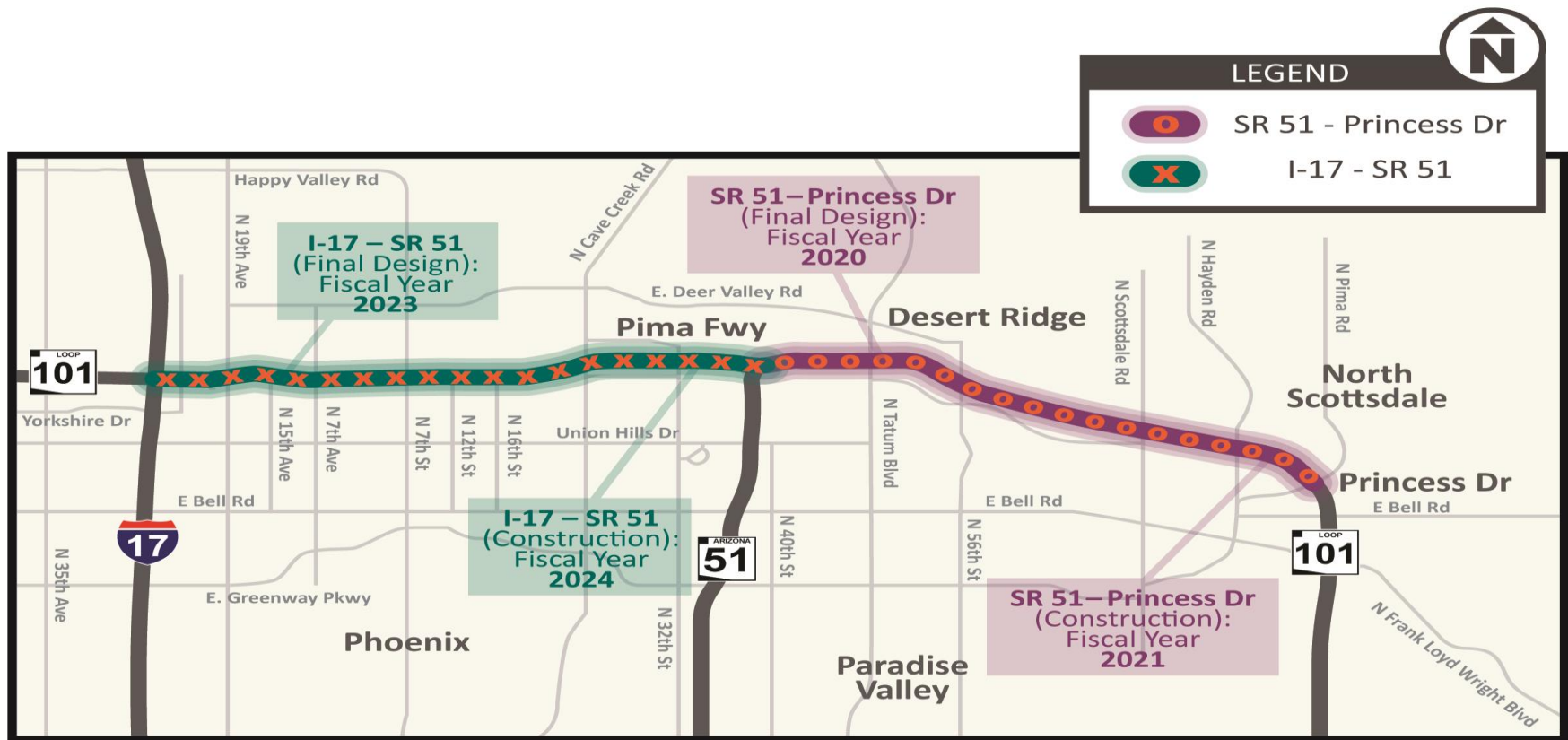
## **Recommended Alternative (Cont.)**

- ▶ **One lane eastbound frontage road between 15<sup>th</sup> Avenue and 7<sup>th</sup> Avenue**
- ▶ **New and relocated noise walls where warranted**
- ▶ **Asphalt-Rubber Pavement Surface**

# Project Schedule



# Final Design and Construction Schedule





# Public Outreach for Study Phase

- ▶ **Three public information meetings**
- ▶ **Mailer sent to addresses within a quarter mile of the project area**
- ▶ **Flyer distribution for City of Phoenix and City of Scottsdale residences, HOAs, businesses, and community centers within the project area**
- ▶ **Business outreach**
- ▶ **Website updates at [azdot.gov/loop101widening](http://azdot.gov/loop101widening)**

# **Your Input is Important!**

## **Provide comments tonight**

- ▶ **Written comments**
- ▶ **Speak with the project team**

## **Provide comments through January 9, 2015**

- ▶ **Mail in written comments**
  - **1655 W. Jackson St., MD 126F**  
**Phoenix, AZ 85007**
- ▶ **Online at [azdot.gov/loop101widening](http://azdot.gov/loop101widening)**
- ▶ **Email to [projects@azdot.gov](mailto:projects@azdot.gov)**
- ▶ **Call 855.712.8530**



# **Thank you!**

**Open House will continue until 7:30 p.m.  
tonight.**

**For more information:**

**Website [azdot.gov/Loop101widening](http://azdot.gov/Loop101widening)**

**email [projects@azdot.gov](mailto:projects@azdot.gov)**

**call 855.712.8530**